

Title (en)
MODULAR DRILL SYSTEM REQUIRING LIMITED FIELD ASSEMBLY AND LIMITED EQUIPMENT SUPPORT AND METHOD OF USE

Title (de)
BEGRENZTE VOR-ORT-MONTAGE UND BEGRENZTE AUSRÜSTUNGSUNTERSTÜTZUNG ERFORDERNDES MODULARES BOHRSYSTEM UND EINSATZVERFAHREN

Title (fr)
SYSTEME DE FORAGE MODULAIRE NECESSITANT UN ASSEMBLAGE SUR CHANTIER LIMITE ET SUPPORT D'EQUIPEMENT LIMITE ET PROCEDE D'UTILISATION ASSOCIE

Publication
EP 1756391 A4 20120822 (EN)

Application
EP 05743645 A 20050503

Priority
• US 2005015229 W 20050503
• US 56766004 P 20040503

Abstract (en)
[origin: WO2005108736A2] A modular transfigurible drilling rig comprises one or more transfigurible containers with drilling equipment to form an operational drilling rig. The transfigurible containers include a first and second load bearing support and a load bearing bottom disposed between the first and second load bearing supports, thereby forming a space. The container includes drilling equipment rotatably attached to the load bearing supports or the load bearing bottom. The drilling equipment is disposed within the space. The drilling rig further includes one or more connectors adapted to engage at least two transfigurible containers together. The drilling rig further includes piping adapted to connect the drilling equipment together, cabling adapted to provide communication between the drilling equipment, and a power source connected to the drilling equipment, wherein the power source is adapted to provide power to the drilling equipment. Further, embodiments for methods of construction and transport of a modular drilling rig are embodied herein.

IPC 8 full level
E21B 7/02 (2006.01); **E21B 15/00** (2006.01); **E21B 19/08** (2006.01); **E21B 43/00** (2006.01)

CPC (source: EP US)
E21B 7/02 (2013.01 - EP US); **E21B 15/00** (2013.01 - EP US)

Citation (search report)
• [XY] DE 10206646 C1 20030724 - PRIME DRILLING GMBH [DE]
• [Y] DE 202004001242 U1 20040401 - MAX STREICHER GMBH & CO KG AA [DE]
• [A] DE 202004001258 U1 20040401 - MAX STREICHER GMBH & CO KG AA [DE]
• [X] EP 0180169 A1 19860507 - SOLTAU GERD DR ING
• See references of WO 2005108736A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR LV MK YU

DOCDB simple family (publication)
WO 2005108736 A2 20051117; WO 2005108736 A3 20060112; AU 2005241068 A1 20051117; AU 2005241068 B2 20100527; CN 101044293 A 20070926; CN 101044293 B 20130717; EP 1756391 A2 20070228; EP 1756391 A4 20120822; EP 1756391 B1 20160525; US 2005241823 A1 20051103; US 7255180 B2 20070814

DOCDB simple family (application)
US 2005015229 W 20050503; AU 2005241068 A 20050503; CN 200580022071 A 20050503; EP 05743645 A 20050503; US 11928705 A 20050429